PCT/EP2004/004380 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61B17/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61B A61F A61M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category 9 X WO 95/30374 A (ORIGIN MEDSYSTEMS INC) 1-10,14-27 16 November 1995 (1995-11-16) page 4, line 20 -page 13, line 25; claims; 11 - 13figures X US 5 333 624 A (TOVEY H JONATHAN) 1-10, 2 August 1994 (1994-08-02) 14 - 27column 6, line 50 -column 8, line 41; claims; figures X US 5 176 692 A (WILK PETER J ET AL) 1 5 January 1993 (1993-01-05) the whole document X US 4 762 128 A (ROSENBLUTH ROBERT F) 1 9 August 1988 (1988-08-09) the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 31 August 2004 17/09/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.

Serra-Verdaguer, J

Fax: (+31-70) 340-3016

PCT EP2004/004380

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT										
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.								
Υ	EP 1 275 351 A (ETHICON INC) 15 January 2003 (2003-01-15) claims; figures	11-13								
	·									

PCT/EP2004/004380

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 28, 29 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT — Method for treatment of the human or animal body by surgery
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III. Observations where unity of invention is lacking (Continuation of Item 3 of Irst sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report Is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

PCTEP2004/004380

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9530374	A	16-11-1995	WO	9530374 A1	16-11-1995
US 5333624	Α	02-08-1994	NONE		
US 5176692	A	05-01-1993	AU WO	3243893 A 9311824 A1	19-07-1993 24-06-1993
US 4762128	A	09-08-1988	AT AU	101349 T 649650 B2	15-02-1994 02-06-1994
			AU AU	7120091 A 7120191 A	02-05-1991 02-05-1991
			AU .	609431 B2 8210087 A	02-05-1991 09-06-1988
			DE DE	3789053 D1 3789053 T2	24-03-1994 11-08-1994
			EP ES	0274846 A1 2049219 T3	20-07-1988 16-04-1994
			JP JP	2558482 B2 63214264 A	27-11-1996 06-09-1988
		•	US US	4893623 A 5527336 A	16-01-1990 18-06-1996
			US US	5752971 A 5836951 A	19-05-1998 17-11-1998
			US ZA	5312430 A 8709207 A	17-05-1994 06-06-1988
EP 1275351	Α	15-01-2003	US EP JP	2003004579 A1 1275351 A2 2003047624 A	02-01-2003 15-01-2003 18-02-2003